

Date Opened: 15 March 2013

Job #: 944
Project: Cargo Basket, RH
Type: Robinson R44Approval: SH10-48
Drawing List: DCL906-12

Fabrication and Assembly Drawing(s)	Description
90610, Rev. 0	Basket Ass'y
90611, Rev. 0	Basket Body Ass'y
90612, Rev. 0	Basket Lid Ass'y
84255, Rev. 0	Handle Installation
84261, Rev. 0	Handle Bar Ass'y
84262, Rev. 0	Handle Bracket Ass'y

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u>
Document Control List revision level matches (or exceeds) STC:	<u>Y</u>
Drawings revision levels match Document Control List:	<u>Y</u>
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u>
Tests and inspections specifically called out on drawings are complete:	<u>Y</u>
Release tags associated with all fabricated parts are attached:	<u>Y</u>
All mounting hardware and supplies are included:	<u>Y</u>

List all non-conformities raised: _____

Inspector Signature: _____

Date: _____

Drawing: **90610** Revision **0**
 Assembly: **90610-01** **Cargo Basket Ass'y (Quick-Release)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	90610-01-02	LH Cargo Basket Assembly			
. 1	90611-01	Basket Body Assembly	Below		
. 1	90612-01	Basket Lid Assembly	Below		
. 1	84255-01	Handle Bar Installation	Below		
. 1	36280-01	Brace Assembly	9-2081 Brace	WO2013-01	
. 1	MS20001P4	Piano Hinge		12066	
. 1	90627-01	Placard	0.063" Sheet, 6061-T6 Aluminum	11102	
. 3	49205-14	Bumper	Argus Industries Bumper	11010	
. A/R	CR3213-5-02	Blind Rivet		12055	
. 8	CR3523-5-02	Monel Blind Rivet		12087	
. 4	CR3213-4-02	Blind Rivet		12032	
. 3	40088-14	Fitting	Ancra	WO2012-44	
. 3	AN960-616	Washer		12052	
. 1	90628-01	Fitting		11105	
. 1	AN3-15A	Bolt		12052	
. 1	AN3-17A	Bolt		12052	
. 4	AN960-10	Washer		12067	
. 2	AN970-3	Washer		12032	
. 2	MS21044N3	Nut		12032	

Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	HR3213-5-02, HR3523-5-02 Rivets		
Final Inspection	Drawing 90610			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **90611** Revision **0**
 Assembly: **90611-01** **Basket Body Ass'y (Quick-Release)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	90611-01-02	LH Basket Body Assembly			
. 1	90621-01-02	LH Aft Attachment Hoop			
. . 2	90621-04	Lug	1018 Mild Steel, 5/8" Rod	12056	
. . 1	--	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. . 1	--	Tube	4130 Steel, 1" x 0.065 Sqr. Tube	12045	
. 1	90622-01-02	LH Forward Attachment Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. . 2	69823-02	Lug	1018 Mild Steel, 5/8" Rod	12056	
. 3	49210-02	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. A/R	--	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. A/R	--	Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	12123	
. 1	84262-01	Handle Bracket Assembly	Below		
. 1	49215-01	Spacer	1018 Steel, 1/2" Rod	12056	
. A/R	3/4-16F	Mesh	Expanded carbon steel	12065	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 90611			
Final Inspection	Drawing 90611			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **90612** **Revision 0**
Assembly: **90612-01** **Basket Lid Ass'y (Quick-Release)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	90612-01-02	RH Basket Lid Assembly			
. A/R	--	Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	12123	
. 1	49216-01	Spacer	1018 Steel, 1/2" Rod	12056	
. 1	84262-01	Upper Handle Bracket Assembly	Below		
. 1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9010	
. A/R	3/4-16F	Mesh	Expanded carbon steel	12065	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 90612			
Final Inspection	Drawing 90612			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **84255** **Revision 1**
Assembly: **84255-01** **Handle Installation**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	84255-01	Handle Installation			
. 1	84261-01	Handle Bar Assembly	Below		
. 2	84267-01	Bracket	Delrin, 3/4" Sheet	WO2012-15	
. 2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	12033	
. 2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	11030	
. 2	AN3-14A	Bolt		12032	
. 4	AN3-11A	Bolt		12032	
. 12	AN960-10	Washer		12067	
. 6	MS21044N3	Nut		12032	

Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 84255			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 84261 Revision 1
Assembly: 84261-01 Handle Bar Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	36261-01	Handle Bar Assembly			
. 1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube	12093	
. 2	84265-01	Lever	304 Stainless, 0.105 Sheet	10036	
. 2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	11057	
. 2	MS20615-4M3	Monel Rivet		7039	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 84261			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **84262** **Revision 1**
Assembly: **84262-01** **Handle Bracket Assembly**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	84261-01	Handle Bracket Assembly			
. 4	84272-01	Bushing	4130 Steel, 5/16" x 0.058 Tube	11049	
. 4	36273-01	Lid Bracket	321 Stainless, 0.050 Sheet	10037	
. 2	36275-02	Support	304 Stainless, 5/16" Rod	11093	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L, ER70S-2		
Final Inspection	Drawing 84262			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.



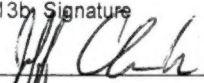
Description: _____

WO# 2013-14

Approved Manufacturing Facility 73-04

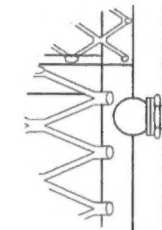
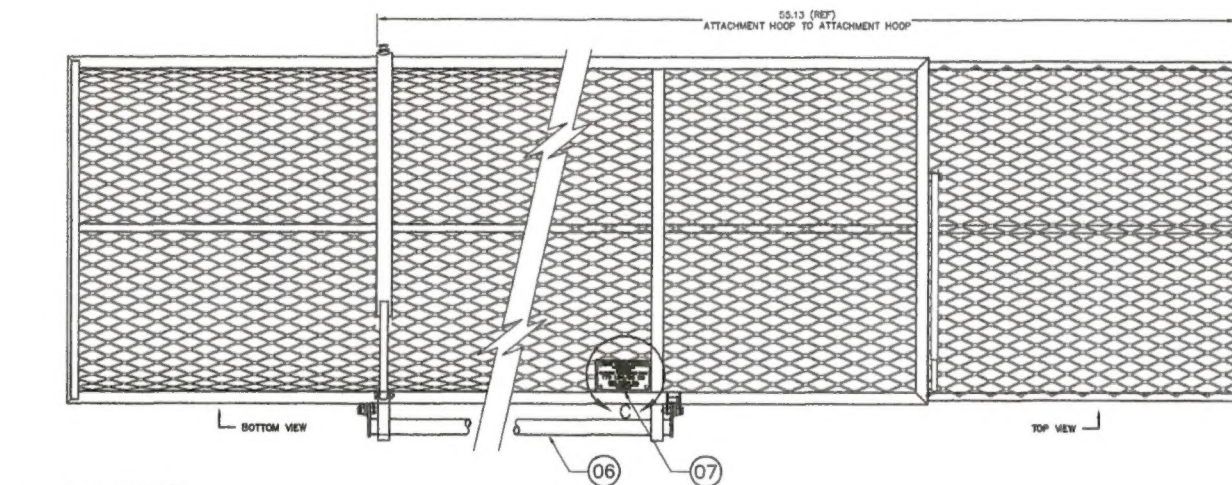
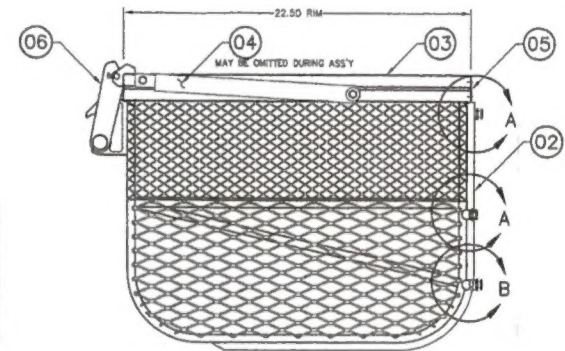
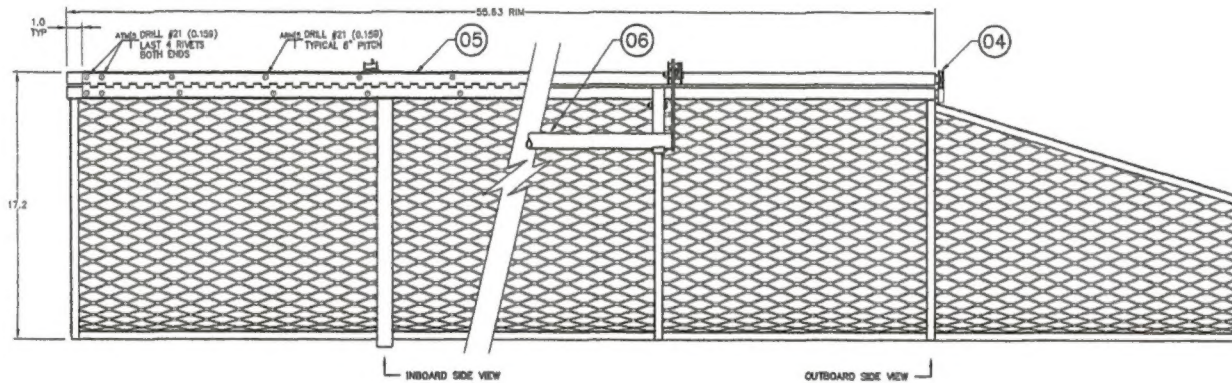
Form 20.F.06

Rev. Original 27 May 2013

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39 th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2013-14
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	RH Cargo Basket	90610-01-01	1	90601-07	New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. 		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 03 Apr 2013		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

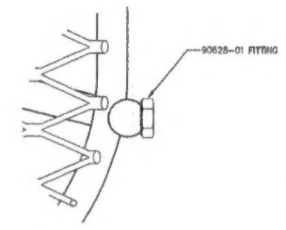
TAT (USA)

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		



DETAIL A

SCALE 1 : 1
FRONT TOP AND REAR TOP AND BOTTOM POSITIONS



DETAIL 8

SCALE 1 : 1
FRONT BOTTOM POSITION ONLY

NOTE:

1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.

A/R	A/R	AN800-616L	WASHER				
A/R	A/R	AN800-616	WASHER				
1	1	90828-01	FITTING				
3	3	K0086-14	FITTING	ANCHRA			
3	3	CR3213-5-02	CHERRY RIVET				
A/R	A/R	CR3213-5-02	CHERRY RIVET				
4	4	CR3213-4-02	CHERRY RIVET				
3	3	49205-14	BUMPER	AROUS INDUSTRIES			
1	1	90677-02	PLACARD				
1	1	90627-01	PLACARD				
1	1	84255-01	HANDLE BAR INSTALLATION				
1	1	MS20001P4	RING NUTS				SS.S LONG
1	1	36280-01	BRACE ASSEMBLY				
1	1	90012-01-02	BASKET LID ASSEMBLY (LEFT HAND)				
1	1	90012-01-01	BASKET LID ASSEMBLY (RIGHT HAND)				
1	1	90011-01-02	BASKET BODY ASSEMBLY (LEFT HAND)				
1	1	90011-01-01	BASKET BODY ASSEMBLY (RIGHT HAND)				
1	1	90010-01-02	CARGO BASKET ASSEMBLY (LEFT HAND)				
1	1	90010-01-01	CARGO BASKET ASSEMBLY (RIGHT HAND)				
-02	-01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

80610-01 LIST OF MATERIALS

DASH NO. FOR DIAMETER	APPROVALS	DATE	1ERO DESIGN LTD
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WASH NO. FOR DIMENSION	REV. SYMBOL	DATE	AERO DESIGN LTD.
N=MPD. HEAD NEAR SIDE	DRAWN:		

F=MF. HEAD FAR SIDE

2013 - 30TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7
Tel: (403) 530-8087 Fax: (403) 530-8333 www.crsolutions.ca

[illegible]

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

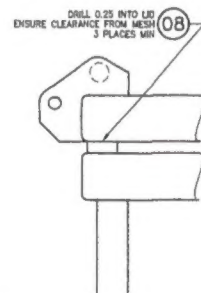
QUICK RELEASE CARGO BASKET

<p><input type="checkbox"/> INSTALL NEW RIVET</p>	<p>DECIMALS</p>	<p>ANGLES</p>	<p>CARGO BASKET ASSEMBLY</p>
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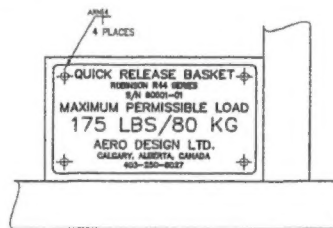
REMOVE/REPLACE RIVET	X.XRX ±0.010 X.XY ±0.03	±1/2"	SCALE 1 : 4	DRG. SIZE	DRG. NO.	REV.	
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10 EXHAUST GASES X.XX ±0.1	11 X.XX ±0.05 X.XX ±0.1	12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524
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EXISTING RIVER		SHEET 1 OF 1	A1	90010	0
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BUMPER INSTALLATION
SCALE 1 : 1

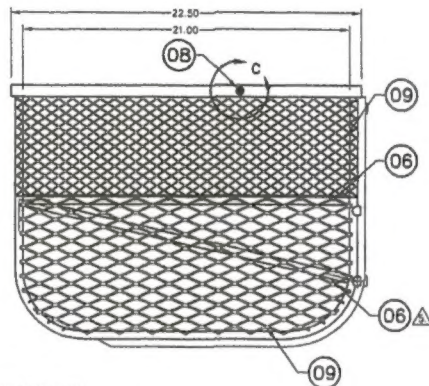


DETAIL C

SCALE 1 : 1
LOOKING AT PLACARD BRACKET

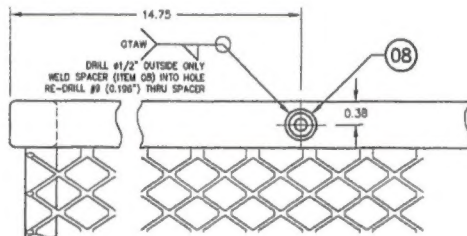
BASIC CODE REF. HAS 323		DASH NO. FOR DIMETER N=NO. HEAD OR HEAD SIZE F=HEAD, HEAD FAIR, SIZE		APPROVALS DRAWN: JEFF CLARKE CHECKED: E. BURGON		DATE 03 SEPT 2010		USE OF MATERIALS AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 890 13015 - 35TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2B 0P7 TEL: (403) 690-8097 FAX: (403) 690-8553 www.aerodesign.ca	
C=CONNECTIONS D=DIMPLE DIST=I OF SHEETS TO BE OMPLED		DASH NO. FOR LENGTH		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TOLERANCES ON: DECIMALS ANGLES X.XX ±0.010 ±1/2° X.XX ±0.03 X.X		ROBINSON R44, R44 II QUICK RELEASE CARGO BASKET CARGO BASKET ASSEMBLY	
BASIC CODES: BJ=MIS20470AD BB=MIS2040RAD ARIN=CR3521 AR=C3523		(+) INSTALL NEW RIVET (+) REMOVE/REPLACE RIVET (-) EXISTING RIVET		SHEET 1 OF 1		QTY. SIZE QTY. NO. REV. REV. A1 90610 0			

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING PURPOSES WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		



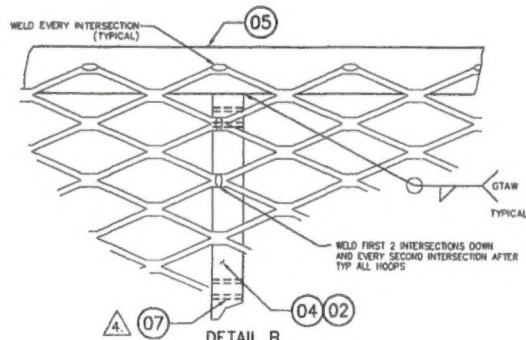
NOTES:

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. PRIOR TO WELDING, DRILL 3/32 VENT HOLES IN ASSEMBLY FOR VENTING OF WELD GASES. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
3. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2885C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
4. INSTALL ITEM 7 (HANDLE BRACKET ASSEMBLY) IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING B4262 TYP. 2 PLACES.
5. STRUT MEMBER ON TWO END OF BASKET ONLY.
6. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



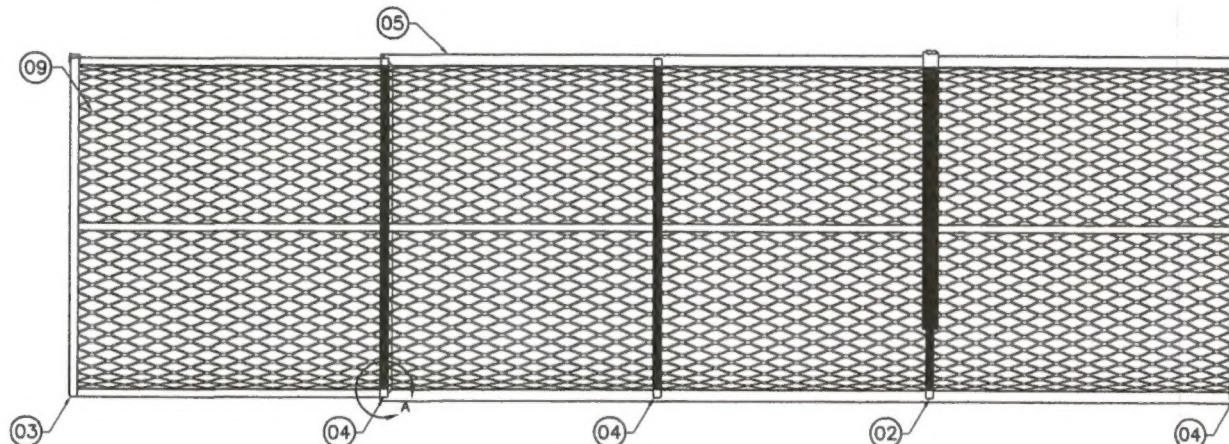
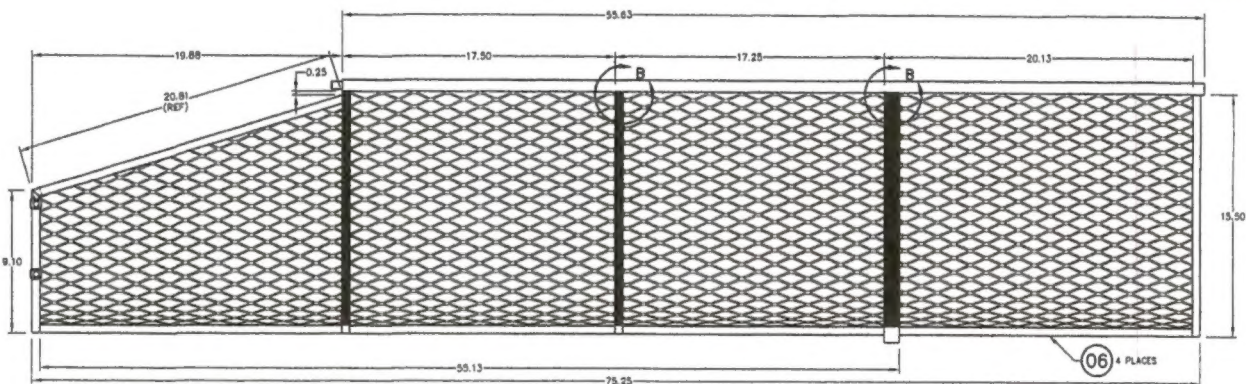
DETAIL C

SCALE 1:1
VIEW LOOKING AT FRONT RIM OF BASKET

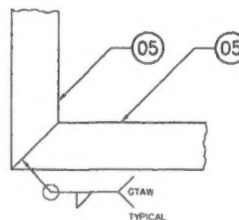


DETAIL B

SCALE 1:1
VIEW LOOKING AT INNER SURFACE OF BASKET, OUTBOARD SIDE



(01) BASKET BODY ASSEMBLY

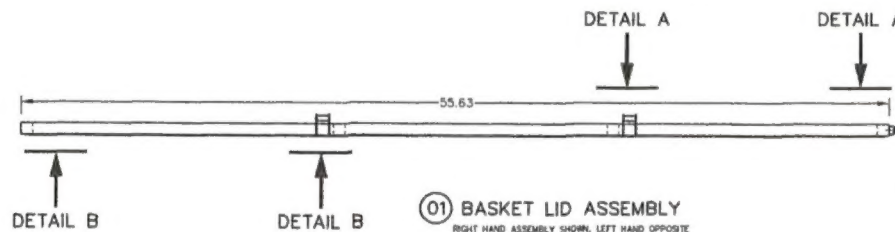
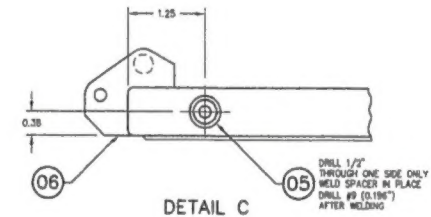
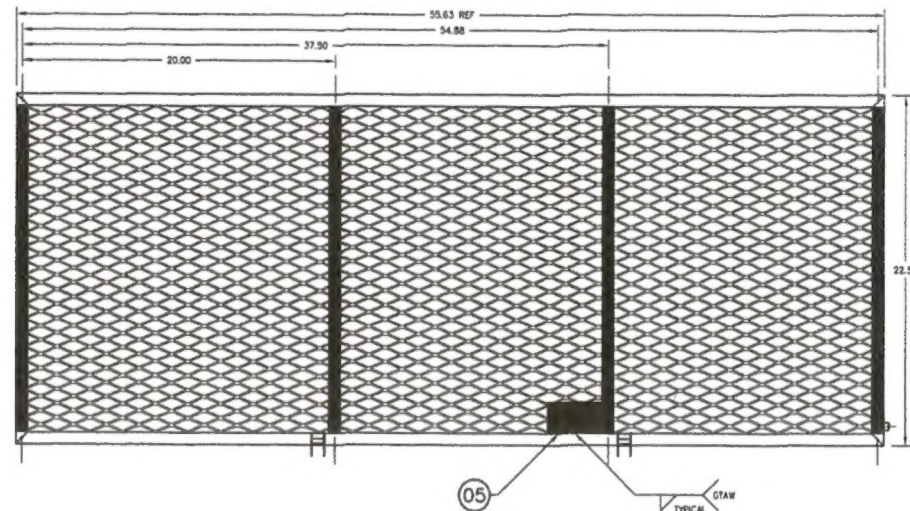


DETAIL A

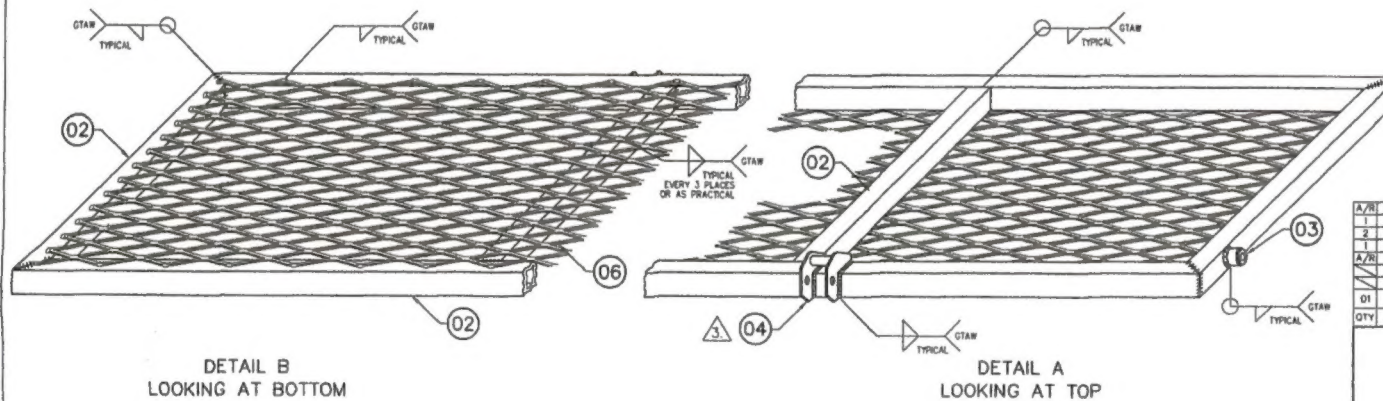
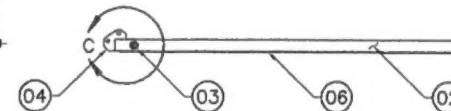
SCALE 1:1

A/R/A/R		3/4-18F 09	MESH	STEEL	COMMERCIAL
1	1	49215-01	08	SPACER	
1	1	B4262-01	07	HANDLE BRACKET ASSEMBLY	
A/R/A/R	A/R/A/R	06	TUBE	4130 STEEL, COND. N	MIL-T-8738 0.5 X 0.035 SQR. TUBE
A/R/A/R	A/R/A/R	03	TUBE	4130 STEEL, COND. N	MIL-T-8738 0.75 X 0.035 SQR. TUBE
3	3	49210-02	04	HOOP	
1	1	90622-01-02	03	FORWARD ATTACHMENT HOOP (LEFT HAND)	
1	1	90622-01-01	03	FORWARD ATTACHMENT HOOP (RIGHT HAND)	
1	1	90621-01-02	02	AFT ATTACHMENT HOOP (LEFT HAND)	
1	1	90621-01-01	02	AFT ATTACHMENT HOOP (RIGHT HAND)	
1	1	90611-01-02	01	BASKET BODY ASSEMBLY (LEFT HAND)	
1	1	90611-01-01	01	BASKET BODY ASSEMBLY (RIGHT HAND)	
-02	-01	PART NO.	ITEM	DESCRIPTION	MATERIAL MATERIAL SPEC STOCK SIZE
QTY	QTY	LIST OF MATERIALS			
APPROVALS		DATE		AERO DESIGN LTD.	
DRAWN: JEFF CLARKE		03 SEPT 2010		CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DMR 200M	
CHECKED: E. BURGON				2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA. T2E 0R7	
				NA: (403) 250-8077 Fax: (403) 250-8533 www.aerodesign.ca	
UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES		ROBINSON R44, R44 II	
TOLERANCES ON:		ANGLES		QUICK RELEASE CARGO BASKET	
DECIMALS		±1/2°		BASKET BODY ASSEMBLY	
X.XX ±0.010				SCALE 1:4	
X.XX ±0.03				DWG. NO. REV.	
X.X ±0.1				SHEET 1 OF 1	
				A1 90611 0	

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REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		



(01) BASKET LID ASSEMBLY
RIGHT HAND ASSEMBLY SHOWN, LEFT HAND OPPOSITE



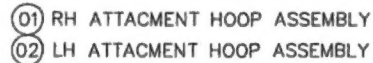
DETAIL B
LOOKING AT BOTTOM

DETAIL A
LOOKING AT TOP

- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
 2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ERTOS-2 OR EQUIVALENT.
 3. INSTALL ITEM 4 (HANDLE BRACKET ASSEMBLY) IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING 84262 TYP 2 PLACES.
 4. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
 5. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.

A/R	3/4-16F 06	MESH					
1	36204-10 05	PLACARD BRACKET					
2	84262 04	UPPER HANDLE BRACKET ASSY					
1	49216-01 03	SPACER					
A/R	-- 02	TUBE	4130 STEEL, COND. II	MIL-T-8736	0.75 x 0.035 SCH. TUBE		
00612-01-02	01	BASKET LID ASSEMBLY (LEFT HAND)					
00612-01-01	01	BASKET LID ASSEMBLY (RIGHT HAND)					
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE	
QTY	LIST OF MATERIALS						
APPROVALS			DATE		AERO DESIGN LTD.		
DRAWN: JEFF CLARKE			03 SEPT 2010		CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAB 2006		
CHECKED: E. BURGOIN					2013 - 30TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6B7		
					Tel: (403) 850-8007 Fax: (403) 850-8553 www.aerodesign.ca		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.			ROBINSON R44, R44 II				
TOLERANCES ON:			QUICK RELEASE CARGO BASKET				
DECIMALS			ANGLES		BASKET LID FABRICATION		
X.XXX ±0.010			±1/2°				
X.XX ±0.03							
X.X ±0.1							
SCALE 1 : 1			DWG. NO.		REV.		
SHEET 1 OF 1			A1		90612		0

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		



1	2	00821-01-06	06	CAP	4130 STEEL COND. N	AMS-5-16729	0.083 SHEET OR STRIP
2	2	00821-01-05	05	LUG	MILD STEEL	AMS 1010/1020	5/8 DIA ROD
A/R	A/R		04	TUBE 1/2IN	4130 STEEL COND. N	ML-7-6736	1/2 X 0.035 SQR TUBE
A/R	A/R		03	TUBE 1IN	4130 STEEL COND. N	ML-7-6736	1 X 0.065 SQR TUBE
		00821-01-02	02	UH AFT ATTACHMENT HOOP ASSEMBLY			
		00821-01-01	01	BK AFT ATTACHMENT HOOP ASSEMBLY			
02	01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	QTY				LIST OF MATERIALS		

APPROVALS		DATE		AERO DESIGN LTD.			
DRAWN: JEFF CLARKE		30 AUG 2010		CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 6006			
CHECKED: E. BURDON				2013 - 30TH AVENUE N.E., CALGARY, ALBERTA, CANADA T2E 0Y7			
				Tel: (403) 255-8807		Fax: (403) 255-8335	
						www.aerodesign.ca	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.				ROBINSON R44			
TOLERANCES ON:				QUICK RELEASE CARGO BASKET			
				AFT ATTACHMENT HOOP FABRICATION			
DECIMALS		ANGLES		SHEET 1 : 1		DWG. SIZE	
X.XXX ±0.010		1/2°		A1		DWG. NO.	
X.XX ±0.03				90621		REV.	
X.X ±0.1				0			
SHEET 1 OF 1							

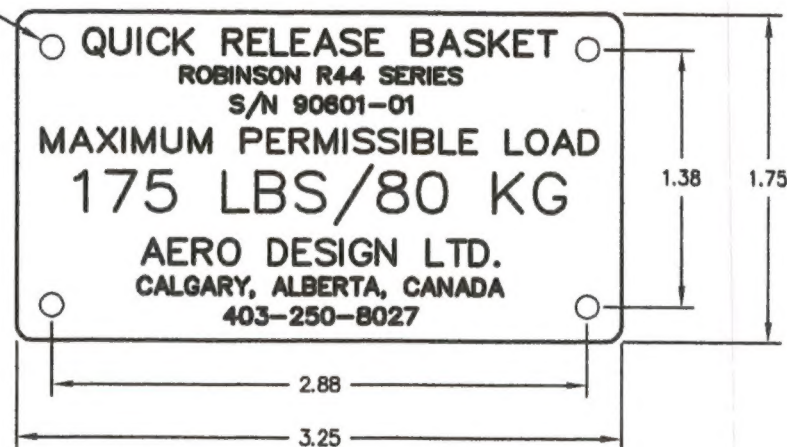
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		

NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:
"QUICK RELEASE BASKET" - 0.125 HIGH
"ROBINSON R44 SERIES" - 0.080 HIGH
"S/N 90601-XX" - 0.080 HIGH
"MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH
"175 LBS/80 KG" - 0.200 HIGH
"AERO DESIGN LTD." - 0.125 HIGH
"CALGARY, ALBERTA, CANADA" - 0.080 HIGH
"403-250-8027" - 0.080 HIGH

- ON 90627-02: S/N IS 90602-XX.

DRILL #30 (0.129)
4 PLACES



01 PLACARD

02 PLACARD

90627-02	02	PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.063 SHEET
90627-01	01	PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.063 SHEET
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

LIST OF MATERIALS

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	DRAWN: JEFF CLARKE		13 SEPT 2010					
	CHECKED: E. BURGAIN				ROBINSON R44, R44 II QUICK RELEASE CARGO BASKET PLACARD			
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1							
	SCALE 1 : 1							
SHEET 1 OF 1				A1	90627	0		